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(2)

1/2 (1-1 WPI) - (C) WPI / DERWENT
AN - 96-007117 [01]
AP - JP940101893 940415
PR - JP940101893 940415
TI - Prepn. of tablet detergent compsn. having sufficient tablet strength and dissolving rapidly in water - comprises mixing anionic surfactants with other ingredients and water
it - PREPARATION TABLET DETERGENT COMPOSITION SUFFICIENT TABLET STRENGTH DISSOLVE RAPID WATER COMPRISE MIX ANION SURFACTANT INGREDIENT WATER
PA - (LIOY) LION CORP
PN - JP7286199 A 951031 DW9601 C11D17/00 006pp
IC - C11D11/00 ; C11D17/00
AB - J07286199 Prepn. of a tablet detergent compsn. comprises mixing an anionic and/or a nonionic surfactant(s), in a ratio in the final prod. of 5-50 wt.%, uniformly with other detergent ingredients in the presence of at least 20 wt.% of water to obtain surfactant-contg. granules, mixing (A) with (B) a granular dissolution promoter(s) of a water solubility at 0 deg.C of at least 20 g/100 ml and an average max. grain size of at least 300 microns and tabletting the resultant mixt..

- ADVANTAGE - The method provides tablet detergent compsns. having sufficient strength to transport and dissolving rapidly in water on use to exert high detergency.
- In an example, (B) is typically one or a mixt. of potassium carbonate, ammonium sulphate, ammonium chloride, sodium benzoate, sodium benzene sulphonate, sodium p-toluene sulphonate, sodium xylene sulphonate, sodium chloride, citric acid, D-glucose, urea and sucrose. (B) is opt. spherical, with an average grain size of 1000-1500 microns, or rod-shaped, with an average length of 1-5 mm. (B) pref. has a solubility of 30 g/100 ml or higher.(Dwg.0/0)

2/2 (1/1 PAJ) - (C) PAJ / JPO

PN - JP7286199 - 951031

PA - LION CORP

I - C11D17/00; C11D11/00

TI - METHOD FOR PRODUCING TABLET DETERGENT COMPOSITION

AB - PURPOSE:To obtain a tablet detergent having a sufficient tablet strength for transfer and transportation and capable of being rapidly dissolved in water to express a washing force, when put in the water.

- CONSTITUTION:The method for producing the tablet detergent composition comprises homogeneously mixing an anionic surfactant and/or a nonionic surfactant in an amount of 5-50wt.% based on the final composition with other detergent components and >=20wt.% of water, granulating the mixture into (A) surfactant-containing granules, mixing (A) the obtained surfactant-containing granules with (B) a granular dissolution-accelerating agent having a solubility of >=20g/100ml in water at 0 deg.C and having an average maximum granule diameter of >=300mum, and subsequently tableting the mixture.